

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An electrical connector for use in connecting a conductor to an electrically conductive structure, the connector comprising:

a bendable strap ~~clamp~~ for mechanically and electrically securing the connector to the electrically conductive structure;

a clip having at least one flange located to substantially prevent rotation of the clip relative to the bendable strap ~~first conductive structure~~;

a shim ~~second conductive structure~~;

a fastener securing the clip ~~first structure~~ and the shim ~~second structure~~ to the clamp such that the conductor can be captured between the clip ~~first structure~~ and the shim ~~second structure~~; and

the clip ~~first structure~~ and the shim ~~second structure~~ being made of conductive material with same or generally similar galvanic potentials as the material of the conductor.

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (currently amended): An electrical connector in accordance with claim 1 ~~3~~ wherein the ~~further comprising a shim having~~ includes at least one stop located to substantially prevent rotation of the shim relative to the bendable strap ~~and the shim providing the second conductive structure~~.

Claim 5 (original): An electrical connector in accordance with claim 4 further comprising a threaded member defining a threaded bore for receiving the fastener, the clip defines a second bore for receiving the fastener, the shim defines a third bore for receiving the fastener and the strap defines a fourth bore for receiving the fastener, and wherein the fastener is positioned within the threaded bore, the second bore, the third bore and the fourth bore.

Claim 6 (currently amended): An electrical connector in accordance with claim 5 wherein the threaded member includes a hook and the end of the bendable strap defines a fifth bore positioned to received the hook such that the hook extends through the bendable strap with the threaded bore on one side of the bendable strap and the hook on an opposite side of the bendable strap.

Claim 7 (original): An electrical connector in accordance with claim 6 wherein the shim surrounds at least a portion of the hook.

Claim 8 (original): An electrical connector in accordance with claim 7 wherein the bendable strap defines a hook aperture positioned to receive the hook when the bendable strap is wrapped around the electrically conductive structure.

Claim 9 (currently amended): An electrical connector in accordance with claim 8 wherein the clip ~~first structure~~ and the shim ~~second structure~~ comprise copper.

Claim 10 (currently amended): An electrical connector in accordance with claim 8 wherein the clip ~~first structure~~ and the shim ~~second structure~~ comprise brass.

Claim 11 (currently amended): An electrical connector for connecting a conductor to an electrically conductive structure, the connector comprising:

a clamp securing the connector to the electrically conductive structure;

a grounding clip ~~first electrically conductive structure~~;

a grounding shim ~~second electrically conductive structure~~;

a bendable strap ~~third electrically conductive structure~~;

a fastener securing the grounding clip, the grounding shim, and the bendable strap ~~first structure, second structure, and third structure~~ together and to the clamp; and

wherein a conductor can be captured between the grounding clip and the grounding shim ~~first structure and second structure~~, the grounding clip and the grounding shim ~~first structure and second structure~~ being made of metals with the same or similar galvanic potentials as the material of the conductor.

Claim 12 (currently amended): An electrical connector in accordance with Claim 11 wherein the bendable strap ~~third structure~~ includes the clamp securing the connector to the electrically conductive structure.

Claim 13 (currently amended): An electrical connector in accordance with Claim 11 wherein the grounding clip and the grounding shim ~~first structure and the second structure~~ comprise copper.

Claim 14 (currently Amended): An electrical connector in accordance with Claim 11 wherein the grounding clip and the grounding shim ~~first structure and the second structure~~ comprise brass.

Claim 15 (currently amended): An electrical connector in accordance with Claim 11 wherein the conductor comprises copper, the ~~first structure and the second structure~~ grounding clip and the grounding shim comprise copper, and the bendable strap ~~third structure~~ comprises galvanized steel.

Claim 16 (currently amended): An electrical connector in accordance with Claim 11 wherein the conductor comprises copper, the ~~first structure and the second structure~~ grounding clip and the grounding shim comprise brass, and the bendable strap ~~third structure~~ comprises galvanized steel.

Claim 17 (cancelled).

Claim 18 (cancelled).

Claim 19 (original): An electrical connector assembly for connecting a conductor to an electrically conductive structure comprising:

- a bendable strap;
- a grounding clip;
- a grounding shim; and
- a fastener securing the grounding clip and the grounding shim to the bendable strap.

Claim 20 (original): An electrical connector in accordance with Claim 19 wherein the grounding clip and the grounding shim are made of materials with the same or similar galvanic potentials as the conductor.

Claim 21 (original): An electrical connector in accordance with Claim 20 wherein the grounding dip includes at least one flange located to substantially prevent the rotation of the clip relative to the bendable strap.

Claim 22 (original): An electrical connector in accordance with Claim 21 wherein the at least one flange is positioned adjacent a side of the bendable strap.

Claim 23 (original): An electrical connector in accordance with Claim 21 wherein the at least one flange comprises a first flange and a second flange opposite the first flange, the first flange and second flange being downwardly oriented.

Claim 24 (original): An electrical connector in accordance with Claim 21 wherein grounding clip includes at least one upwardly oriented flange located to facilitate the insertion of the conductor between the grounding clip and the grounding shim.

Claim 25 (original): An electrical connector in accordance with Claim 24 wherein the at least one upwardly oriented flange comprises a first upwardly oriented flange and a second upwardly oriented flange located opposite the first upwardly oriented flange.

Claim 26 (original): An electrical connector in accordance with Claim 20 wherein the grounding dip defines a bore for receiving the fastener.

Claim 27 (original): An electrical connector in accordance with Claim 20 wherein the grounding shim is disposed adjacent a first surface of the bendable strap and the connector further comprises a threaded member having a body disposed adjacent a second surface of the bendable strap opposite the first surface.

Claim 28 (original): An electrical connector in accordance with Claim 27 wherein the threaded member defines a threaded bore for receiving the fastener.

Claim 29 (original): An electrical connector in accordance with Claim 28 wherein the grounding clip defines a first bore, the grounding shim defines a second bore, and the bendable strap defines a third bore; wherein the threaded bore is registerable with the first, second, and third bores.

Claim 30 (original): An electrical connector in accordance with Claim 29 wherein an end of the bendable strap is bent downward to form a first portion, a second portion, and a third portion; wherein the threaded member is disposed between the first portion and third portion.

Claim 31 (original): An electrical connector in accordance with Claim 30 wherein the third portion is formed to mate with the electrically conductive structure.

Claim 32 (original): An electrical connector in accordance with Claim 30 wherein the threaded member includes a hook and the second portion of the bendable strap defines an aperture through which the hook extends.

Claim 33 (original): An electrical connector in accordance with Claim 32 wherein the hook extends downwardly and outwardly from the body of the threaded member.

Claim 34 (original): An electrical connector in accordance with Claim 20 wherein the grounding shim includes a body portion and an end portion and an end of the bendable strap is bent to form a first portion, a second portion, and a third portion; wherein the first portion and the second portion of the bendable strap define a first angle and wherein the body portion and the end portion of the grounding shim define a second angle which corresponds to the first angle.

Claim 35 (original): An electrical connector in accordance with Claim 34 wherein the end portion of the grounding shim defines an aperture through which the hook of the threaded member extends.

Claim 36 (original): An electrical connector in accordance with Claim 34 wherein the body portion of the grounding shim defines a bore for receiving the fastener.

Claim 37 (original): An electrical connector in accordance with Claim 20 wherein the connector further comprises a nut secured to the fastener, the nut located between a head of the fastener and the ground clip.

Claim 38 (currently amended): A method for grounding a conductor comprising:
providing an electrical connector with a grounding clip, a grounding shim, and a bendable strap ~~first structure, a second structure, and a third structure~~, wherein the grounding clip and the grounding shim ~~first structure and second structure~~ are formed from metals with the same or similar galvanic potentials as the material of the conductor;
fastening the grounding clip, the grounding shim, and the bendable strap ~~first structure, second structure, and third structure~~ together with a fastener;
inserting a conductor between the grounding clip and the grounding shim ~~first structure and the second structure~~;
clamping the conductor between grounding clip and the grounding shim ~~the first structure and the second structure~~ such that unintentional removal is prohibited; and
securing the bendable strap ~~third structure~~ to a electrically conductive structure.

Claim 39 (currently amended): A method according to Claim 38 wherein the fastener includes a nut and the conductor is secured between the ~~first structure and second structure~~ grounding clip and the grounding shim by tightening a nut adjacent the grounding clip ~~first structure~~.